



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

**Complete if Known**

Application Number	10/658,977
Filing Date	September 10, 2003
First Named Inventor	Jack C. Wybenga
Art Unit	2189
Examiner Name	Reginald Glenwood Bragdon
Attorney Docket Number	2003.09.014.BN0

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,471,593	11/28/1995	Branigin	
		US- 5,781,772	07/14/1998	Wilkinson, III et al.	
		US- 5,857,196	01/04/1999	Angle et al.	
		US- 6,011,795	01/04/2000	Varghese et al.	
		US- 6,014,659	01/11/2000	Wilkinson, III et al.	
		US- 6,067,574	05/23/2000	Tzeng	
		US- 6,079,006	06/20/2000	Pickett	
		US- 6,178,135	01/23/2001	Kang	
		US- 6,209,020	03/27/2001	Angle et al.	
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		US- 6,571,313	05/27/2003	Filippi et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> * Number <sup>4</sup> * Kind Code <sup>5</sup> (if known)				
		EP 0 408 188 A2	01/16/1991			
		WO 98/41931 A1	09/24/1998			
		EP 1 168 723 A2	01/02/2002			
		WO 01/63852 A1	08/30/2001			

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,581,106	06/17/2003	Crescenzi et al.	
		US- 6,614,789	09/02/2003	Yazdani et al.	
		US- 2003/0174717	09/18/2003	Zabarski et al.	
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		US- 6,711,153	03/23/2004	Hebb et al.	
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		US- 2004/0107295	06/03/2004	Herkersdorf et al.	
		US- 2004/0105442	06/03/2004	Ko et al.	
		US- 2004/0111395	06/10/2004	Rajgopal et al.	
		US- 2004/0109451	06/10/2004	Huang et al.	
		US- 6,772,268	08/03/2004	Kristiansen et al.	
		US- 6,782,382	08/24/2004	Lunteren	
		US- 6,839,830	01/04/2005	Liu	

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## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Attorney Docket Number	2003.09.014.BN0

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of 4

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Masami Shishibori, et al., "A Key Search Algorithm Using the Compact Patricia Trie", October 1997, 1997 IEEE International Conference on Intelligent Processing Systems, pgs. 1581-1584.	
		Miguel A. Ruiz-Sanchez, et al., "Survey and Taxonomy of IP Address Lookup Algorithms", IEEE Network, March/April 2001, pg. 8-23.	
		Stefan Nilsson, et al., "IP-Address Lookup Using LC-Tries", IEEE Journal on Selected Areas in Communications, IEEE Inc., June 1999, pp. 1083-1092, Vol. 17, No. 6, New York, U.S.	
		Andreas Moestedt, et al., "IP Address Lookup in Hardware for High-Speed Routing," IEEE Hot Interconnects VI, August 1998, pp. 31-39.	
		K.J. Christensen, et al., "Local area network-Evolving from shared to switched access," IBM Systems Journal, Vol. 34, No. 3, 1995, pg. 1-9.	
		European Search Report dated December 10, 2007 issued in connection with European Patent Application No. EP 03 25 7666.	
		Mikael Degermark, et al., "Small Forwarding Tables for Fast Routing Lookups", 1997 ACM, PG. 3-14.	
		Butler Lampson, et al., "IP Lookups Using Multiway and Multicolumn Search", IEEE/ACM Transactions on Networking, Vol. 7, No. 3, June 1999, pg. 324-334.	
		Henry Hong-Yi Tzeng, et al., "On Fast Address-Lookup Algorithms", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 6, June 1999, pg. 1067-1082.	

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/Brian Peugh/

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02/17/2009

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